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A
CATALOGUE
OF THE
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MUSEUM OF PRACTICAL GEOLOGY
AND GEOLOGICAL SURVEY.

COMPILED BY
HENRY WHITE,
AND
THOMAS W. NEWTON,
ASSISTANT LIBRARIAN.



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NOTICE.

THIS is the first printed Catalogue of the Books in the Library in this Museum. When originally founded in 1843 this institution consisted only of the Geological Survey of Great Britain and the Museum of Economic Geology, which sprung from the Survey, and was then situated in a small building in Craig's Court. As far as the funds of the Survey and Museum would then admit, the Library was steadily increased, and in addition to purchases, all English and foreign maps and books presented to the Survey have ever since been placed in that collection.

When the Royal School of Mines was founded in 1851, the addition of many works essential to such an institution resulted in the formation of a Library unrivalled of its kind, containing as it does works bearing upon the Sciences of Geology and Palæontology, Mineralogy, Mining, Metallurgy, Natural History, Chemistry, and other allied Sciences, from early times down to the present day.

ANDREW C. RAMSAY,
Director General.

Museum of Practical Geology,
19th December 1877.



P R E F A C E.

THE Library of which this is a Catalogue contains at the present time about 28,000 volumes, chiefly relating to the subjects which are taught in the Royal School of Mines or are illustrated in the Museum of Practical Geology.

Its formation commenced in 1843, when the first Director of the Museum, Sir Henry T. De la Beche, C.B., F.R.S., contributed the whole of his scientific books to form the nucleus. It has been much increased by the annual grants from Parliament, by liberal donations from many learned societies, both at home and abroad, by numerous gifts from the late Director, Sir Roderick I. Murchison, K.C.B., F.R.S., and by Mr. Kenneth R. Murchison, who on the death of his uncle in 1871 placed the whole of Sir Roderick's scientific library, including 161 volumes of pamphlets, at our disposal.

Although from the want of space the Library could not conveniently be made a public one, every facility is given to persons who wish to consult it for scientific purposes. Under no circumstances, however, is any volume allowed to be taken out of the building.

The Lords of the Treasury having sanctioned the preparation of this Catalogue, it has been compiled by Mr. Henry White, who superintended the compilation and printing of the Royal Society's Catalogue of Scientific Papers, and whose experience in such matters is a guarantee for the accuracy of his work. He has been most ably assisted by my colleague, Mr. Thos. W. Newton, the Assistant Librarian, who has devoted much of his spare time to bring about its completion.

TRENHAM REEKS,
Librarian.

December, 1877.

NOTE.

This CATALOGUE OF BOOKS has been arranged chiefly according to the names of the respective Authors, but it has been found convenient to group certain portions under the following headings :—

Agricultural Surveys.

Catalogues.

Exhibitions, Industrial.

Geological Surveys.

Journals.

Maps.

Meteorology.

Mines and Mining.

Museum of Practical Geology.

Museums.

Reports.

Science and Art Department.

Statistics.

Transactions of Academies, Scientific Societies, &c.

(Mus. P.) and (Murch. P.) refer to the Museum and Murchison Collections of Pamphlets.

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A.

Abbot, Charles.

Flora Bedfordiensis; comprehending such Plants as grow wild in the County of Bedford. 8°. Bedford, 1798.

Abbot, H. L. See Humphreys, A. A.

Abbott, George (jun.)

An Essay on the Mines of England. 8° London, 1833.

Abel, Clarke.

Narrative of a Journey in the Interior of China, and of a Voyage to and from that Country, in the years 1816-17. 4° London, 1818.

Abel, F. A. See Exhibitions, Industrial—London, 1871.

Abercrombie, John, and **Mawe, Thomas.**

The Universal Gardener and Botanist. 4° London, 1778.

Abich, H.

Ueber die Natur und den Zusammenhang der vulkanischen Bildungen. 4° Braunschweig, 1841.

Vergleichende chemische Untersuchungen der Wasser des Caspischen Meeres, Urmia- und Van-See's. 4° St. Petersburg, 1856.

Ueber das Steinsalz und seine geologische Stellung im Russischen Armenien. 4° St. Petersburg, 1857.

Beiträge zur geologischen Kenntniss der Thermalquellen in den Kaukasischen Ländern. Lief. 1. 4° Tiflis, 1865.

Geologische Beobachtungen auf Reisen in den Gebirgsländern zwischen Kur und Araxes. 4° Tiflis, 1867.

Études sur les Glaciers actuels et anciens du Caucase. Partie 1. 8° Tiflis, 1870.

Academies. See under Transactions of Academies, &c.

Accum, Fredrick.

A Practical Essay on the Analysis of Minerals. 12° London, 1804.

A Practical Treatise on Gas-light. 3rd edition. 8° London, 1816.

Acerbi, Joseph.

Travels through Sweden, Finland, and Lapland, to the North Cape, in the years 1798-99. 2 vols. 4° London, 1802.

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Analyse de quelques Pierres Précieuses. Traduit, &c. par J. B. Dubois. 8° Paris, 1783.

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Die Berg-Polizei-Vorschriften des Rheinischen Haupt-Berg-Districtes. 8° Köln, 1859.

Das Französische Bergrecht. 8° Bonn, 1869.

Das gemeine Deutsche Bergrecht. Theil 1. 8° Bonn, 1871.

See Journals—Zeitschrift für Bergrecht.

Achiardi, Antonio d'.

Coralli Fossili del Terreno Nummulitico dell' Alpi Venete. 4° Pisa, 1867. (Mus. P.—T.)

Mineralogia della Toscana. Tomo 1. 8° Pisa, 1872.

Ackner, M. J.

Mineralogie Siebenbürgens. 8° Hermannstadt, 1855.

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Report on the Transfer of the Radcliffe Library to the Oxford University Museum. 8° Oxford, 1861.

Acosta, (Padre) Joseph de.

Historia Natural y Moral de las Indias. 4° Madrid, 1608.

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Wanderings of a Naturalist in India, the Western Himalayas, and Cashmere. 8° Edinburgh, 1867.

Adams, Arthur.

Zoology of the Voyage of H.M.S. "Samarang," under the command of Captain Sir E. Belcher, in 1843-46. By J. E. Gray, Sir J. Richardson, A. Adams (editor), L. Reeve, and Ad. White. (Contains a Memoir on the Spirula, by Prof. Owen.) 4° London, 1848-50.

See Adams, H.

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A Manual of Natural History for the use of Travellers. With remarks on Geology and Meteorology. 12° London, 1854.

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Monograph of *Stoastoma*, a new genus of new operculated Land Shells. 8° Amherst, Mass., 1849. (Mus. P.—26.)

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An Essay on Electricity. 5th edition. With corrections by W. Jones. 8° London, 1799.

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Révolutions de la Mer. Déluges Périodiques. 2nd edition. 8° Paris, 1860.

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The South African Diamond Fields, and the best Route to them, from
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—44.)

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Seaside Studies in Natural History. Marine Animals of Massachusetts
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Recherches sur les Poissons Fossiles. 5 vols. (in 2) 4°, and 5 vols,
(in 2) oblong Atlases. Neuchâtel, 1833–45.

[Review.] 8° London, 1835. (Murch. P.—34.)

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4° With oblong Atlas. Neuchâtel, 1844–45.

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See Costa, O. G. Geological Surveys—United States: California. Miller, *Hugh*. Morton, S. G.

Agassiz, Louis and Mrs. Louis.

A Journey in Brazil. 8^o Boston, 1868.

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De Mensuris et Ponderibus Romanorum atq; Græcorum, lib. v.; de externis Mensuris et Ponderibus, lib. ij.; ad ea quæ Andreas Alciatus denuo disputavit de Mensuris, brevis defensio, lib. j.; de Mensuris quibus intervalla metimur, lib. j.; de restituendis Ponderibus atq; Mensuris, lib. j.; de Precio Metallorum et Monetis. folio. Basileæ, 1550.

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Bergwercks-Buch. folio. Franckfort a. M., 1580.

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Gespräch vom Bergwesen; mit einem ganz neuen Zusatze von klüglicher Anstellung des Bergbaues, u.s.w. Von J. G. Stör. 8° Rotenburg, 1778.

Agricultural Surveys.

Agricultural Surveys of the United Kingdom. Reports drawn up for, and issued by, the Board of Agriculture and the Dublin Society. 72 vols. 8° and 8 vols. 4°. London, &c., 1794–1832.

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—— By Thomas Batchelor. 8° London, 1808.

Berkshire. By William Pearce. 4° London, 1794.

—— By William Mavor. 8° London, 1809.

Cambridge. By Charles Vancouver. 4° London, 1794.

Cheshire. By Henry Holland. 8° London, 1813.

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Cornwall. By G. B. Worgan. 8° London, 1811.

Cumberland. By J. Bailey and G. Culley. 8° London, 1805.

Derbyshire. See Farey, John.

Devon. By Charles Vancouver. 8° London, 1808.

Durham. By Joseph Granger. 4° London, 1794.

Essex. By Messrs. Griggs. 4° London, 1794.

—— By Arthur Young. 2 vols. 8° London, 1807.

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Hampshire, including the Isle of Wight. By Charles Vancouver. 8° London, 1813.

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Hereford. By John Duncumb. 8° London, 1805.

Hertfordshire. By Arthur Young. 8° London, 1804.

Huntingdon. By R. Parkinson. 8° London, 1811.

Kent. By John Boys. 2nd edition. 8° London, 1805.

Lancaster. By John Holt. 8° London, 1795.

Leicester. By William Pitt. Two editions. 8° London, 1809, 1813.

Lincolnshire. By Arthur Young. Review of, by Thomas Stone. 8° London, 1800.

Middlesex. By John Middleton. 2nd edition. 8° London, 1807.

Monmouth. By Charles Hassall. Two editions. 8° London, 1812, 1815.

Norfolk. By Nathaniel Kent. 8° London, 1796.

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Northampton. By William Pitt. 8° London, 1809.

Northumberland. By J. Bailey and G. Culley. 8° London, 1805.

Nottingham. By Robert Lowe. 8° London, 1798.

Oxfordshire. By Richard Davis. 4° London, 1794.

—— By Arthur Young. 8° London, 1809.

Rutland. By Richard Parkinson. 8° London, 1808.

Salop. By J. Bishton. 4° Brentford, 1794.

Shropshire. By Joseph Plymley. 8° London, 1803.

Somerset. By John Billingsley. 4° London, 1794, and 8° Bath, 1797.

Stafford. By William Pitt. 8° London, 1808.

Suffolk. By Arthur Young. 3rd edition. 8° London, 1804.

Surrey. By William Stevenson. 8° London, 1809. See Malcom, James.

Sussex. By Arthur Young. 4° London, 1793, and 8° London, 1808.

Warwick. By John Wedge. 4° London, 1794.

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- Westmoreland. By A. Pringle. 8° London, 1805.
 Wiltshire. By Thomas Davis. 4° London, 1794.
 ——— By Thomas Davis. 8° London, 1811.
 Worcester. By W. Pitt. 8° London, 1813.
 Yorkshire (East Riding). By H. E. Strickland. 8° York, 1812.
 ——— (North Riding). By John Tuke. 8° London, 1800.
 ——— (West Riding). By Robert Brown. 8° London, 1799.

WALES :—

- Anglesey, Caernarvon, Denbigh, Flint, Meirionydd, Montgomery.
 By Walter Davies. 8° London, 1810.
 Brecknock. By John Clark. 4° London, 1794.
 North Wales :— Flintshire — Caernarvonshire — Montgomeryshire—Merionethshire—Denbighshire. By George Kay.
 4° Edinburgh, 1794.

SCOTLAND :—

- Aberdeenshire. By George Skene Keith. 8° Aberdeen, 1811.
 Argyre. By John Smith, D.D. 8° London, 1805.
 Ayr. By William Aiton. 8° Glasgow, 1811.
 Berwick. By Alexander Lowe. With Appendix by Arthur Bruce.
 4° London, 1794.
 ——— By Robert Kerr. 8° London, 1809.
 Caithness. By Sir John Sinclair. 4° London, 1795. (Murch. P.—2 M.)
 ——— By Capt. John Henderson. 8° London, 1812.
 Clydesdale. By John Naismith. 8° Glasgow, 1798.
 Cromarty. By Sir John Sinclair. 4° London, 1795. (Murch. P.—2 M.)
 Dumbarton. By Andrew Whyte and Duncan Macfarlan. 8° Glasgow, 1811.
 Dumfries. By Dr. Singer. 8° Edinburgh, 1812.
 Fife. By John Thomson. 8° Edinburgh, 1800.
 Galloway (comprehending the Stewartry of Kirkcudbright and Wigtonshire.) By Samuel Smith. 8° London, 1810.
 Inverness. By James Robertson. Two editions. 8° London, 1808, 1813.
 Kincardineshire, or the Mearns. By George Robertson. 8° London, n.d. (about 1808.)
 Lothians (East-Lothian). By Robert Somerville. 8° London, 1805.
 ——— (Mid-Lothian). By George Robertson. 8° Edinburgh, 1795.
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 Nairn and Moray. By William Leslie. 8° London, 1811.
 Orkney. By Sir John Sinclair. 4° London, 1795. (Murch. P.—2 M.)
 ——— Carse of Gowrie. By James Donaldson. 4° London, 1794.
 Perth. By James Robertson. 4° London, 1794, and 8° Perth, 1799.
 Ross. By Sir John Sinclair. 4° London, 1795 (Murch. P.—2 M.)
 Roxburgh and Selkirk. By Robert Douglas. 8° London, 1798.
 Shetland. By Sir John Sinclair. 4° London, 1795. (Murch. P.—2 M.)
 Sutherland. By Sir John Sinclair. 4° London, 1795. (Murch. P.—2 M.)
 ——— By Capt. John Henderson. 8° London, 1812.
See Scotland. Transactions—Edinburgh.

IRELAND :—

- Antrim. By John Dubourdieu. 2 vols. 8° Dublin, 1812.
 Armagh. By Sir Charles Coote. 8° Dublin, 1804.
 Clare. By Hely Dutton. 8° Dublin, 1808.
 Cork. By Horatio Townsend. 8° Dublin, 1810.
 Donegal. By James M'Parlan. 8° Dublin, 1802.
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 Kilkenny. By William Tighe. 8° Dublin, 1802.
 Leitrim. By James M'Parlan. 8° Dublin, 1802.
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 Mayo. By James M'Parlan. 8° Dublin, 1802.
 Meath. By Robert Thompson. 8° Dublin, 1802.
 Roscommon. By Isaac Weld. 8° Dublin, 1832.
 Sligo. By James M'Parlan. 8° Dublin, 1802.
 Tyrone. By John M'Evy. 8° Dublin, 1802.
 Wexford. By Robert Fraser. 8° Dublin, 1807.
 Wicklow. By Thomas Radcliff. 8° Dublin, 1812.

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- Islands on the Coast of Normandy. By Thomas Quayle. 8° London, 1815.

Origin of Board of Agriculture. *See* Sinclair, *J.*

Report upon Farms. *See* Robertson, *T.*

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- Della Marna e di alcuni altri Fossili atti a render fertili le Terre.
 4° Venezia, 1768.

Guano Streams. An attempt to suggest a method of preserving the refuse of the drains of towns for the purpose of manure. 8° London, 1845. (Mus. P.—11.)

Speeches at the Agricultural Meeting at Drayton Manor. 8° London, 1847. (Mus. P.—11.)

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Agrippa, Henricus Cornelius.

- De Occulta Philosophia libri tres. folio. 1533. Cologne (?)

Ahrenberg, Henrik E.

- Stämpelbok för Svenska Jernverken ; utgifven år 1864. 8° Göteborg, 1864.

Aikin, Arthur.

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Journal of a Tour through North Wales and part of Shropshire ; with observations in Mineralogy, &c. 8° London, 1797.

A Manual of Mineralogy. 8° London, 1814.

Illustrations of Arts and Manufactures. 8° London, 1841.

Aikin, Arthur, and C. R.

- Dictionary of Chemistry and Mineralogy. 2 vols. 4° London, 1807.

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An Account of the Caves of Ballybunian, County of Kerry ; with some Mineralogical details. 8° Dublin, 1834.

Researches in Assyria, Babylonia, and Chaldæa ; forming part of the labours of the Euphrates Expedition. 8° London, 1838.

See Journals—Edinburgh Journal of Natural Science.

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- Address to the Members of the Neath Philosophical Institution. 12° Neath, 1837. (Murch. P.—39.)

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A Treatise on Magnetism. 8° London, 1870.

On Sound and Atmospheric Vibrations; with the Mathematical Elements of Music. 2nd edition. 8° London, 1871.

Aitchison, —.

The Discovery and History of the Mines in Scotland. (Contains also "Metals in Scotland, Testacea Marina, Discoveries by Scotsmen, Celebrated Scotsmen," &c.) folio. MS.

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An Epitome of the Second Edition of Hortus Kewensis; for the use of practical Gardeners. 8° London, 1814.

Ajasson de Grandsagne. See Plinius.**Akerly, Samuel.**

An Essay on the Geology of the Hudson River. 12° New York, 1820.

Åkermann, Richard.

Studien über die Wärmeverhältnisse des Eisenhohofenprozesses. Uebersetzt von P. Tunner. 8° Leipzig, 1872.

Alaman, T. See Septien, J. M.**Alberi, Eugenio.**

Una Visita alla Manifattura di Porcellane di Doccia. 8° Firenze, 1840. (Mus. P.—19.)

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Malacographia Maderensis, sive Enumeratio Molluscorum quæ in Insulis Maderæ et Portus Sancti aut viva exstant aut fossilia reperiuntur. 4° Berolini, 1854.

Die Heliceen. 8° Berlin, 1850.

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Die Bergwerks-Verwaltung des Hannoverschen Ober-Harztes, in den Jahren 1831–36. 8° Berlin, 1837.

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Die Gebirge des Königreichs Württemberg, in besonderer Beziehung auf Halurgie. Mit Anmerkungen von D. Schübler. 8° Stuttgart, 1826.

Beitrag zu einer Monographie des Bunten Sandsteins, Muschelkalks und Keupers, und die Verbindung dieser Gebilde zu einer Formation. 8° Stuttgart, 1834.

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Ueberblick über die Trias, mit Berücksichtigung ihres Vorkommens in den Alpen. 8° Stuttgart, 1864.

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Tractatus de Lapidibus. 4° Oppenheim, 1518.

De Mineralibus et Rebus Metallicis libri quinque. 12° Coloniae, 1569.

Albin, Eleazar.

A Natural History of Spiders and other curious Insects. 4° London, 1736.

Albinus, Peter.

Meissnische Land- und Bergchronik. folio. Dresden, 1589.

Albinus, P. C. See Leonardus, C.

Albmair, Teodoro.

I Quattro Elementi spiegati in venticinque discorsi. 4° Firenze, 1668.

Alcan, Michel.

Essai sur l'Industrie des Matières Textiles. 8° With oblong Atlas. Paris, 1847.

Alchemy.

Arcanum der anderen Universal-Medicin, &c. (MS. in German.)

Artis auriferæ quam Chemiam vocant, volumina [tria] quæ continent Turbam Philosophorum, aliosque antiquissimos auctores. 3 vols. 8° Basileæ, 1610.

Alchymistisch Sieben-Bestirn das ist sieben schöne und ausserlesene Tractätlein vom Stein der Weisen darinn der richtige Weg zu solchem allerhöchsten Geheimnüss zu kommen hell und klar gezeiget wird. 8° Hamburg, 1675.

Fortresse (la) dorée d'Hermes. *To which is added*, Commentaire de Jean Valchius, philosophe, sur le Livre du Petit Paysan touchant ces mots : Mais en peu de mots scache de plus que qui bien comprend l'origine des métaux. (MS. in 8°.)

Hermetical Triumph; or, the Victorious Philosophical Stone : translated from the French. *To which is added*, the Ancient War of the Knights : translated from the German. 8° London, n.d.

[The name of the author of the first treatise in Latin is contained in the Anagram : Dives sicut Ardens S * * *.]

Another edition. 8° London, 1723.

Hermetical Banquet, drest by a Spagirical Cook, for the better preservation of the Microcosme. 8° London, 1652.

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